

FORM PTO-1449 (Rev. 5/92)	GAUTHIER & CONNORS LLP 225 Franklin Street, Boston, MA 02110 Telephone: (617) 426-9180	9682CIP ATTORNEY DOCKET NO.  APPLICANT: Reed et al.	Unknown SERIAL NO. 10/820,420  GROUP: Unknown 2874  EXAMINER: Unknown— Lee
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		FILING DATE: Herewith 04/08/2004	

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AF						
	AG						
	AH						

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
<i>JDL</i>	AI	"Highly Efficient Frequency Conversion with Time-Dependent Photonic Crystals," Reed et al. Dept. of Physics: Massachusetts Institute of Technology. February 2004.
<i>JDL</i>	AJ	"Reversed Doppler Effect in Photonic Crystals," Reed et al. <i>Physical Review Letters</i> . September 2003. Vol. 91, No. 13.
<i>JDL</i>	AK	"Color Shock Waves in Photonic Crystals," Reed et al. <i>Physical Review Letters</i> . May 2003. Vol. 90, No. 20.
<i>JDL</i>	AL	"The color of shock waves in photonic crystals," Reed et al. Dept. of Physics: Massachusetts Institute of Technology. [NO DATE]
	AM	
	AN	
	AO	

EXAMINER *John D. Lee* DATE CONSIDERED 20 DEC. 2005

EXAMINER:	Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
-----------	---

FORM PTO-1449 SAMUELS, GAUTHIER & STEVENS LLP (Rev. 5/92) 225 Franklin Street, Boston, MA 02110 Telephone: (617) 426-9180			9682CIP ATTORNEY DOCKET NO.	10/820,420 SERIAL NO.
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			Reed et al. APPLICANT: 04/08/2004 FILING DATE:	<del>2872</del> GROUP: 2874 <u>Unknown</u> EXAMINER: Lee

*O I P E J C O*  
JUL 14 2004  
U.S. PATENT & TRADEMARK OFFICE

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JDL</i>	AA	2002/0021479	02/21/2002	Scalora et al.	359	241	02/14/2001
<i>JDL</i>	AB	5,688,318	11/18/1997	Milstein et al.	117	1	06/06/1995
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ						
	AK						
	AL						

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
<i>JDL</i>	AM	"Photon modes in photonic crystals undergoing rigid vibrations and rotations," Skorobogatiy et al. <i>Physical Review B</i> . Vol. 61, No. 23. June 2000
<i>JDL</i>	AN	"Rigid vibrations of a photonic crystal and induced interband transitions," Skorobogatiy et al. <i>Physical Review B</i> . Vol. 61, No. 8. Feb. 2000
<i>JDL</i>	AO	"Time-resolved Spectroscopic Reflection Measurements in Shock-Compressed Materials," Gustavsen et al. <i>Journal of Applied Physics</i> . January 1991. Vol. 69, No. 15.

EXAMINER	DATE CONSIDERED
<i>John D. Lee</i>	20 DEC. 2005

EXAMINER:	Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
-----------	---

FORM PTO-1449 SAMUELS, GAUTHIER & STEVENS LLP  
 (Rev. 5/92) 225 Franklin Street, Boston, MA 02110  
 Telephone: (617) 426-9180

**INFORMATION DISCLOSURE  
 STATEMENT BY APPLICANT**

9682CIP  
 ATTORNEY DOCKET NO.

10/820,420  
 SERIAL NO.

Reed et al.

APPLICANT:

04/08/2004

FILING DATE:

2872

GROUP: 2874

Unknown

EXAMINER: Lee

OCT 07 2004

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	TRADEMARK NUMBER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		AA					
		AB					
		AC					
		AD					
		AE					
		AF					
		AG					
		AH					
		AI					

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>JDL</i>	AJ	WO 03/087926	10/23/2003	PCT	602F	1/35	YES
	AK						
	AL						

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
<i>JDL</i>	AM	"Wavelength Filter and Converter by NDFWM in Strained Quantum Wells," Jiang et al. <i>International Journal of Infrared and Millimeter Waves</i> . 2001. Vol. 22, No. 3.
<i>JDL</i>	AN	"A steady state solution to four-wave mixing utilizing the SU (2,2) group symmetry with mixed gratings in a Kerr type media," Darbyshire et al. <i>Optics Communications</i> . 1995. Vol. 117, No. 283-289.
<i>JDL</i>	AO	"Simulation of Terahertz Doppler Wavelength Shifting of Infrared Optical Pulses in an Active Semiconductor Layer," Scherbak et al. <i>IEEE Transactions on Microwave Theory and Techniques</i> . April 2000. Vol. 48, No. 4.
<i>JDL</i>	AP	"Tunable and Selective Wavelength Conversion Using Fiber Four-Wave Mixing with Two Pump Lights," Inoue et al. <i>IEEE Photonics Technology Letters</i> . December 1994. Vol. 6.

EXAMINER

*John D. Lee*

DATE CONSIDERED

20 DEC. 2005

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.